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PATENT ABSTRACTS OF JAPAN

(21) Application number: **59252121**(51) Intl. Cl.: **B41M 3/12 B41F 16/00 B44**(22) Application date: **29.11.84**

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(43) Date of application
publication: **17.06.86**(84) Designated contracting
states:(71) Applicant: **KIYUUBITSUKU ENG**(72) Inventor: **NAKANISHI MOTOYA
OTAKI NOBUYUKI**

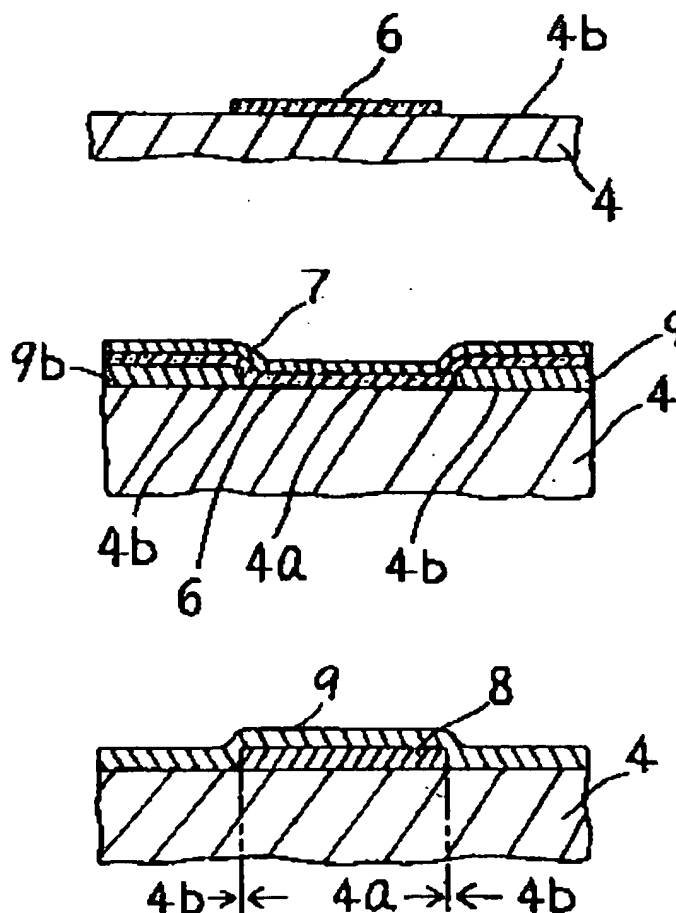
(74) Representative:

(54) PRINTING METHOD

(57) Abstract:

PURPOSE: To provide a printing method wherein a masking film is dissolved simultaneously with the dissolution of a transfer piece, by using a film equipped with swellability and water-solubility as said transfer piece and forming the masking film by coating a water-soluble masking agent.

CONSTITUTION: A water-soluble masking layer 9 is formed to the entire surface of an article 4 to be printed having a masking piece 8 placed to the printed part 4a thereof and the masking piece 8 is subsequently removed along with the masking layer 9a to leave a masking film 9b only on a printing unnecessary part 4b. The article 4 to be printed, which received masking treatment, is sunk in water and the transfer piece 7 is closely adhered to the article 4 to be printed by water pressure. Because a transfer pattern



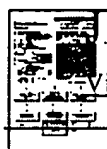
6, for example, a grain pattern is printed on the transfer piece 7, the transfer pattern 6 is applied to the article 4 to be printed by transfer printing but, because the transfer piece 7 is water-soluble, said transfer piece 7 disappears during transfer and the masking film 9b is also dissolved through the contact with water to partially leave the transfer pattern 6 to the surface of the article to be printed.

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P61130081A2: PRINTING METHOD

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Country: JP Japan

Kind:

Inventor(s): NAKANISHI MOTOYASU
OTAKI NOBUYUKI

Applicant(s): KIYUUBITSUKU ENG:KK
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Application Number: JP1984000252121

IPC Class: B41M 3/12; B41F 16/00; B44C 1/16;

Abstract:

Purpose: To provide a printing method wherein a masking film is dissolved simultaneously with the dissolution of a transfer piece, by using a film equipped with swellability and water-solubility as said transfer piece and forming the masking film by coating a water-soluble masking agent.

Constitution: A water-soluble masking layer 9 is formed to the entire surface of an article 4 to be printed having a masking piece 8 placed to the printed part 4a thereof and the masking piece 8 is subsequently removed along with the masking layer 9a to leave a masking film 9b only on a printing unnecessary part 4b. The article 4 to be printed, which received masking treatment, is sunk in water and the transfer piece 7 is closely adhered to the article 4 to be printed by water pressure. Because a transfer pattern 6, for example, a grain pattern is printed on the transfer piece 7, the transfer pattern 6 is applied to the article 4 to be printed by transfer printing but, because the transfer piece 7 is water-soluble, said transfer piece 7 disappears during transfer and the masking film 9b is also dissolved through the contact with water to partially leave the transfer pattern 6 to the surface of the article to be printed.

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Other Abstract Info:

none

Foreign References:

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